

Silverware and Hollowware Manufacturing: 2002

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2002 Economic Census

Manufacturing

Industry Series



U S C E N S U S B U R E A U

Helping You Make Informed Decisions

U.S. Department of Commerce
Economics and Statistics Administration
U.S. CENSUS BUREAU



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-- Not applicable for this report.

Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and year ¹	Com- panies ²	All estab- lish- ments ³	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expendi- tures (\$1,000)	
			Number ⁴	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)					
339912, Silverware and hollowware manufacturing	2002..	156	158	4 092	140 216	2 726	4 510	70 109	279 103	264 665	569 254	18 344
	2001..	N	N	4 995	163 752	3 283	6 680	84 186	420 345	350 014	805 130	19 272
	2000..	N	N	5 626	173 776	4 176	8 459	111 317	516 766	305 770	798 117	30 969
	1999..	N	N	5 510	157 493	4 069	8 137	100 894	482 483	252 929	737 480	16 533
	1998..	N	N	6 357	205 640	4 460	8 913	115 487	575 720	381 096	918 815	20 474
	1997..	158	162	6 378	183 237	4 504	8 895	107 912	529 984	380 482	892 378	19 711

¹Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

²For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during the year.

⁴Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 2. Industry Statistics for Selected States: 2002

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
		Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
339912, Silverware and hollowware manufacturing												
United States	1	158	38	4 092	140 216	2 726	4 510	70 109	279 103	264 665	569 254	18 344
California	6	18	1	129	3 407	94	145	1 892	5 647	4 820	12 119	744
Massachusetts	—	9	6	1 000	52 577	335	611	10 083	82 980	156 011	246 589	1 673

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 3. Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
339912, Silverware and hollowware manufacturing	
Companies ¹	number.. 156
All establishments ²	number.. 158
Establishments with 1 to 19 employees	number.. 120
Establishments with 20 to 99 employees	number.. 33
Establishments with 100 employees or more	number.. 5
All employees ³	number.. 4 092
Total compensation	\$1,000.. 176 318
Annual payroll	\$1,000.. 140 216
Total fringe benefits	\$1,000.. 36 102
Production workers, average for year	number.. 2 726
Production workers on March 12	number.. 2 730
Production workers on May 12	number.. 2 765
Production workers on August 12	number.. 2 802
Production workers on November 12	number.. 2 595
Production worker hours	1,000.. 4 510
Production worker wages	\$1,000.. 70 109
Total cost of materials	\$1,000.. 264 665
Materials, parts, containers, packaging, etc., used	\$1,000.. 196 960
Resales	\$1,000.. 56 075
Purchased fuels	\$1,000.. 2 798
Purchased electricity	\$1,000.. 3 106
Contract work	\$1,000.. 5 726
Quantity of electricity purchased for heat and power	1,000 kWh.. 64 916
Quantity of electricity generated less sold for heat and power	1,000 kWh.. -
Total value of shipments	\$1,000.. 569 254
Primary products value of shipments	\$1,000.. 408 312
Secondary products value of shipments	\$1,000.. 68 678
Total miscellaneous receipts	\$1,000.. 92 264
Value of resales	\$1,000.. 87 971
Contract receipts	\$1,000.. D
Other miscellaneous receipts	\$1,000.. D
Primary products specialization ratio	percent.. 86
Value of primary products shipments made in all industries	\$1,000.. 419 601
Value of primary products shipments made in this industry	\$1,000.. 408 312
Value of primary products shipments made in other industries	\$1,000.. 11 289
Coverage ratio	percent.. 97
Value added	\$1,000.. 279 103
Total inventories, beginning of year	\$1,000.. 274 454
Finished goods inventories	\$1,000.. 227 311
Work-in-process inventories	\$1,000.. 22 800
Materials and supplies inventories	\$1,000.. 24 343
Total inventories, end of year	\$1,000.. 248 431
Finished goods inventories	\$1,000.. 204 388
Work-in-process inventories	\$1,000.. 20 237
Materials and supplies inventories	\$1,000.. 23 806
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 229 480
Total capital expenditures (new and used)	\$1,000.. 18 344
Buildings and other structures (new and used)	\$1,000.. 476
Machinery and equipment (new and used)	\$1,000.. 17 868
Automobiles, trucks, etc., for highway use	\$1,000.. 574
Computers and peripheral data processing equipment	\$1,000.. 2 208
All other expenditures for machinery and equipment	\$1,000.. 15 086
Total retirements	\$1,000.. 6 865
Gross value of depreciable assets at end of year	\$1,000.. 240 959
Depreciation charges during year	\$1,000.. 12 890
Total rental payments	\$1,000.. 7 768
Buildings and other structures	\$1,000.. 4 925
Machinery and equipment	\$1,000.. 2 843
Total other expenses ⁴	\$1,000.. 32 566
Response coverage ratio ⁵	percent.. 97
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 1 030
Communications services ⁴	\$1,000.. 2 041
Legal services ⁴	\$1,000.. 908
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 1 623
Advertising and promotional services ⁴	\$1,000.. 5 145
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 835
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 1 035
Management consulting and administrative services ⁴	\$1,000.. 604
Taxes and license fees ⁴	\$1,000.. 2 256
All other expenses ⁴	\$1,000.. 17 089

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Based on Annual Survey of Manufactures (ASM) sample data.

⁵A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class	E ¹	All establishments ²	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
339912, Silverware and hollowware manufacturing											
All establishments	1	158	4 092	140 216	2 726	4 510	70 109	279 103	264 665	569 254	18 344
Establishments with—											
1 to 4 employees	9	79	148	4 163	97	157	2 639	8 028	5 059	12 974	454
5 to 9 employees	7	28	193	5 424	129	249	2 990	11 957	7 752	19 812	710
10 to 19 employees	5	13	163	5 046	115	217	2 994	11 061	9 031	20 072	504
20 to 49 employees	2	23	749	21 863	518	964	12 257	48 811	34 099	85 733	1 353
50 to 99 employees	1	10	592	20 020	381	778	9 444	48 351	27 417	75 890	2 011
100 to 249 employees	5	2	e	D	D	D	D	D	D	D	D
250 to 499 employees	—	2	f	D	D	D	D	D	D	D	D
500 to 999 employees	—	—	—	—	—	—	—	—	—	—	—
1,000 to 2,499 employees	—	1	g	D	D	D	D	D	D	D	D
2,500 employees or more	—	—	—	—	—	—	—	—	—	—	—
Administrative records ⁴	9	96	337	9 901	224	427	5 769	21 640	14 170	35 697	1 288

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 5. Industry Statistics by Primary Product Class Specialization: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or product class code	Industry or primary product class	All establishments ¹	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ²	Payroll (\$1,000)	Number ²	Hours (1,000)	Wages (\$1,000)				
339912	Silverware and hollowware manufacturing	158	4 092	140 216	2 726	4 510	70 109	279 103	264 665	569 254	18 344
3399122	Precious metal and pewter hollowware, including baby goods, ecclesiastical ware, novelties, toiletware, and trophies	34	1 568	50 505	988	1 896	23 707	112 933	79 603	195 009	3 447
3399125	Precious metal and pewter flatware and cutlery, including all knives, forks, spoons, and carving sets made wholly of metal	5	1 784	69 170	1 248	1 712	35 063	123 873	157 249	304 398	12 629

¹Includes establishments with payroll at any time during the year.

²Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. **Products Statistics: 2002 and 1997**

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
339912	Silverware and hollowware manufacturing.....	2002.. N 1997.. N	X X	X X	419 601 607 818
3399122	Precious metal and pewter hollowware, including baby goods, ecclesiastical ware, novelties, toiletware, and trophies	2002.. N 1997.. N	X X	X X	119 777 N
33991221	Precious metal and pewter hollowware, including baby goods, ecclesiastical ware, novelties, toiletware, and trophies	2002.. N 1997.. N	X X	X X	118 881 N
3399122106	Electrosilverplated hollowware, electrosilverplated to a precious metal or pewter base, including baby goods, ecclesiastical ware, novelties, toiletware, and trophies	2002.. 6 1997.. N	X X	X X	11 251 N
3399122121	Solid pewter hollowware, including baby goods, ecclesiastical ware, novelties, toiletware, and trophies	2002.. 13 1997.. N	X X	X X	27 362 N
3399122161	Other precious metal and pewter hollowware	2002.. 19 1997.. N	X X	X X	74 662 N
3399122181	Engraving and etching on precious metal and pewter hollowware (including nonprecious metal clad or plated to precious metal), excluding precious metal plated to nonprecious metal base	2002.. 6 1997.. N	X X	X X	5 606 N
3399122Y	Precious metal and pewter hollowware, including baby goods, ecclesiastical ware, novelties, toiletware, and trophies, nsk	2002.. N 1997.. N	X X	X X	896 N
3399122YWV	Precious metal and pewter hollowware, including baby goods, ecclesiastical ware, novelties, toiletware, and trophies, nsk	2002.. N 1997.. N	X X	X X	896 N
3399125	Precious metal and pewter flatware and cutlery, including all knives, forks, spoons, and carving sets made wholly of metal	2002.. N 1997.. N	X X	X X	266 453 N
33991251	Precious metal and pewter flatware and cutlery, including all knives, forks, spoons, and carving sets made wholly of metal	2002.. N 1997.. N	X X	X X	266 301 N
3399125131	Electrosilverplated flatware and cutlery, electrosilverplated to a precious metal or pewter base, including all knives, forks, spoons, and carving sets made wholly of metal	2002.. — 1997.. N	X X	X X	D N
3399125151	Solid sterling silver flatware and cutlery, including all knives, forks, spoons, and carving sets made wholly of metal	2002.. 5 1997.. N	X X	X X	D N
3399125171	Other all metal precious metal and pewter flatware and cutlery	2002.. 3 1997.. N	X X	X X	D N
3399125191	Engraving and etching on precious metal and pewter flatware and cutlery (including nonprecious metal clad or plated to precious metal), excluding precious metal plated to a nonprecious metal base	2002.. 2 1997.. N	X X	X X	D N
3399125Y	Precious metal and pewter flatware and cutlery, including all knives, forks, spoons, and carving sets made wholly of metal, nsk	2002.. N 1997.. N	X X	X X	152 N
3399125YWV	Precious metal and pewter flatware and cutlery, including all knives, forks, spoons, and carving sets made wholly of metal, nsk	2002.. N 1997.. N	X X	X X	152 N
339912W	Silverware and hollowware manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	33 371 28 536
339912WY	Silverware and hollowware manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	33 371 28 536
339912WYWW	Silverware and hollowware manufacturing, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	13 107 14 510
339912WYWY	Silverware and hollowware manufacturing, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	20 264 14 026

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p—10 to 19 percent estimated; q—20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. Product Class Shipments for Selected States: 2002 and 1997

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS product class code	Product class and geographic area	Value of product shipments (\$1,000)
3399122	Precious metal and pewter hollowware, including baby goods, ecclesiastical ware, novelties, toiletware, and trophies	
	United States..... 2002..	119 777
	..... 1997..	N
	Massachusetts 2002..	25 162
	..... 1997..	N
3399125	Precious metal and pewter flatware and cutlery, including all knives, forks, spoons, and carving sets made wholly of metal	
	United States..... 2002..	266 453
	..... 1997..	N

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 7. Materials Consumed by Kind: 2002 and 1997

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
339912	Silverware and hollowware manufacturing		
00900001	Total materials .....2002..	X	196 960
	.....1997..	X	251 237
33200005	Fabricated metal products, including forgings .....2002..	X	65 781
	.....1997..	X	N
33100027	Other metal shapes and forms (including castings).....2002..	X	739
	.....1997..	X	N
33141901	Precious metals (gold, platinum, etc.), all forms (including ingot, sheet, strip, solder, plating, electrodes, etc.) .....2002..	X	19 681
	.....1997..	X	59 236
00970099	All other materials and components, parts, containers, and supplies.....2002..	X	92 538
	.....1997..	X	171 032
00971000	Materials, ingredients, containers, and supplies, nsk .....2002..	X	18 221
	.....1997..	X	20 969

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.